

FIG. 1

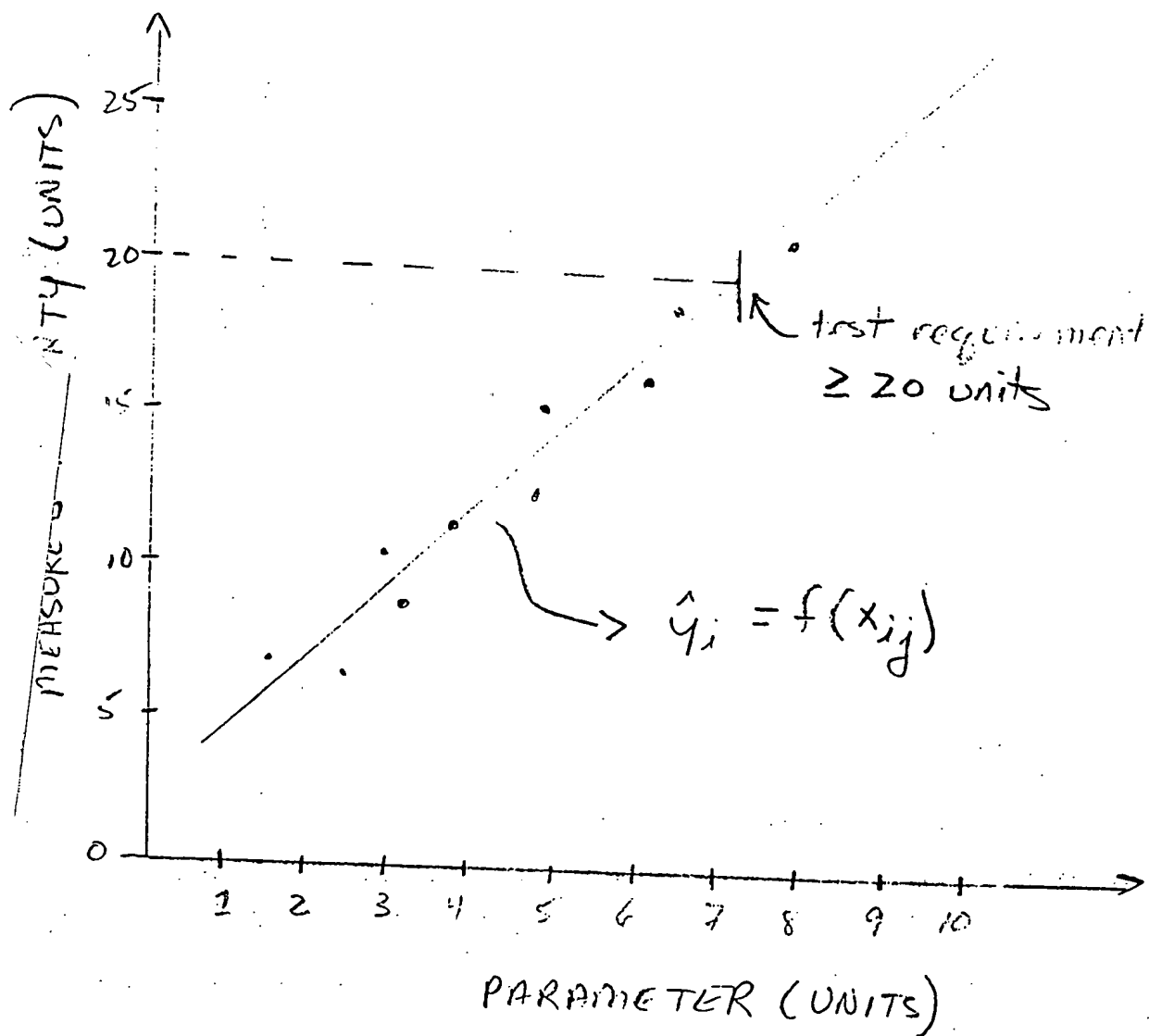


FIG. 2

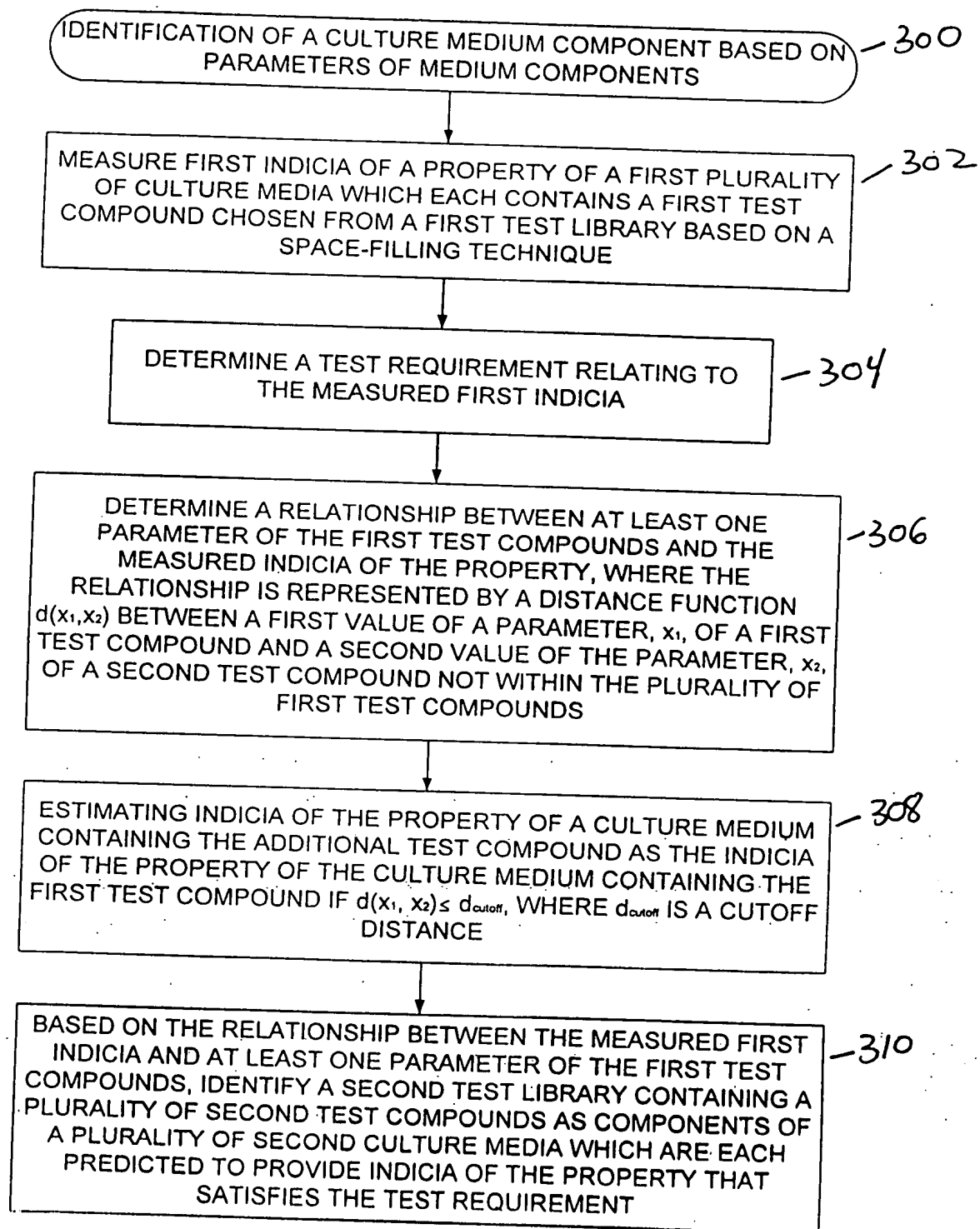


FIG. 3

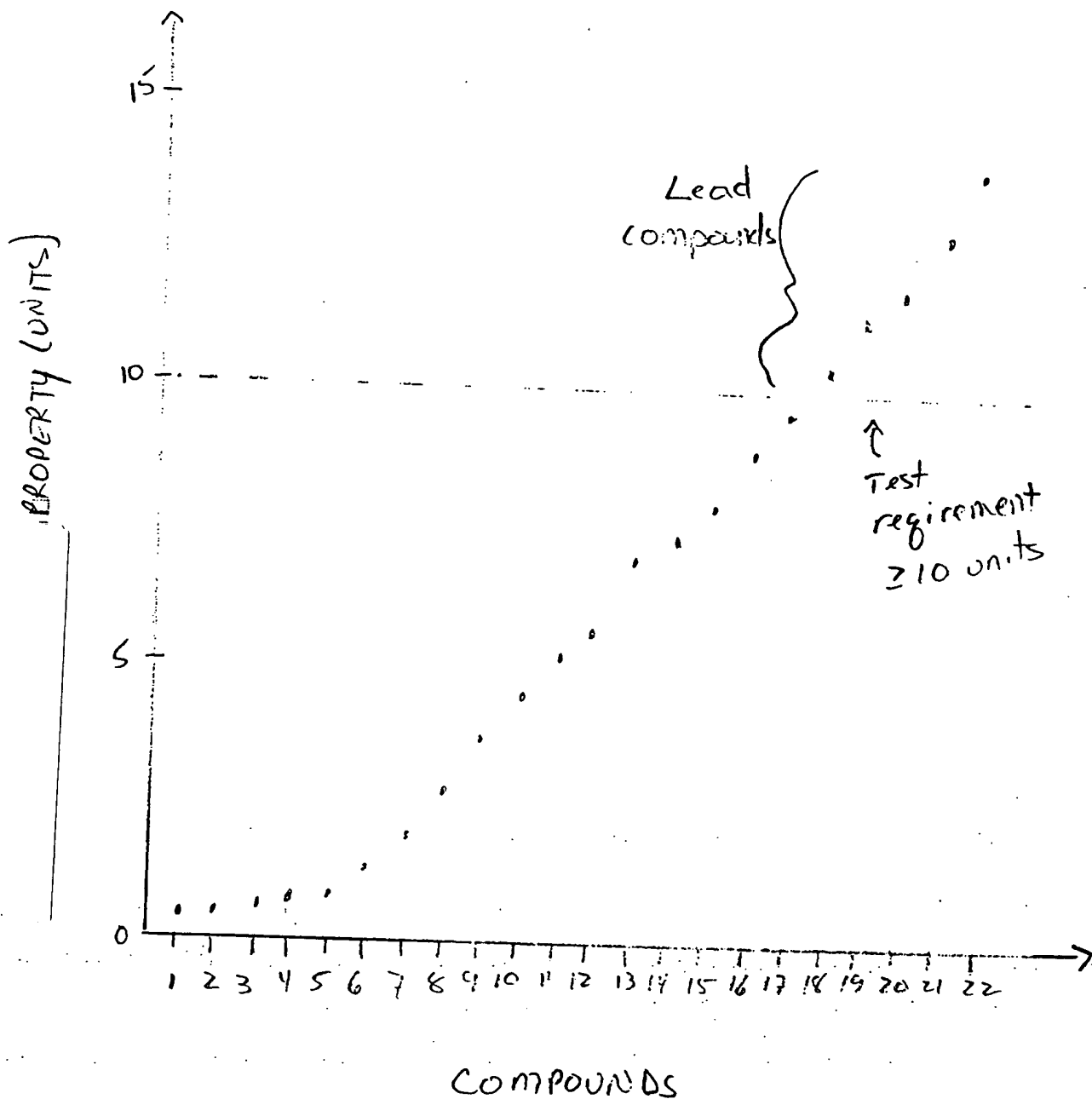
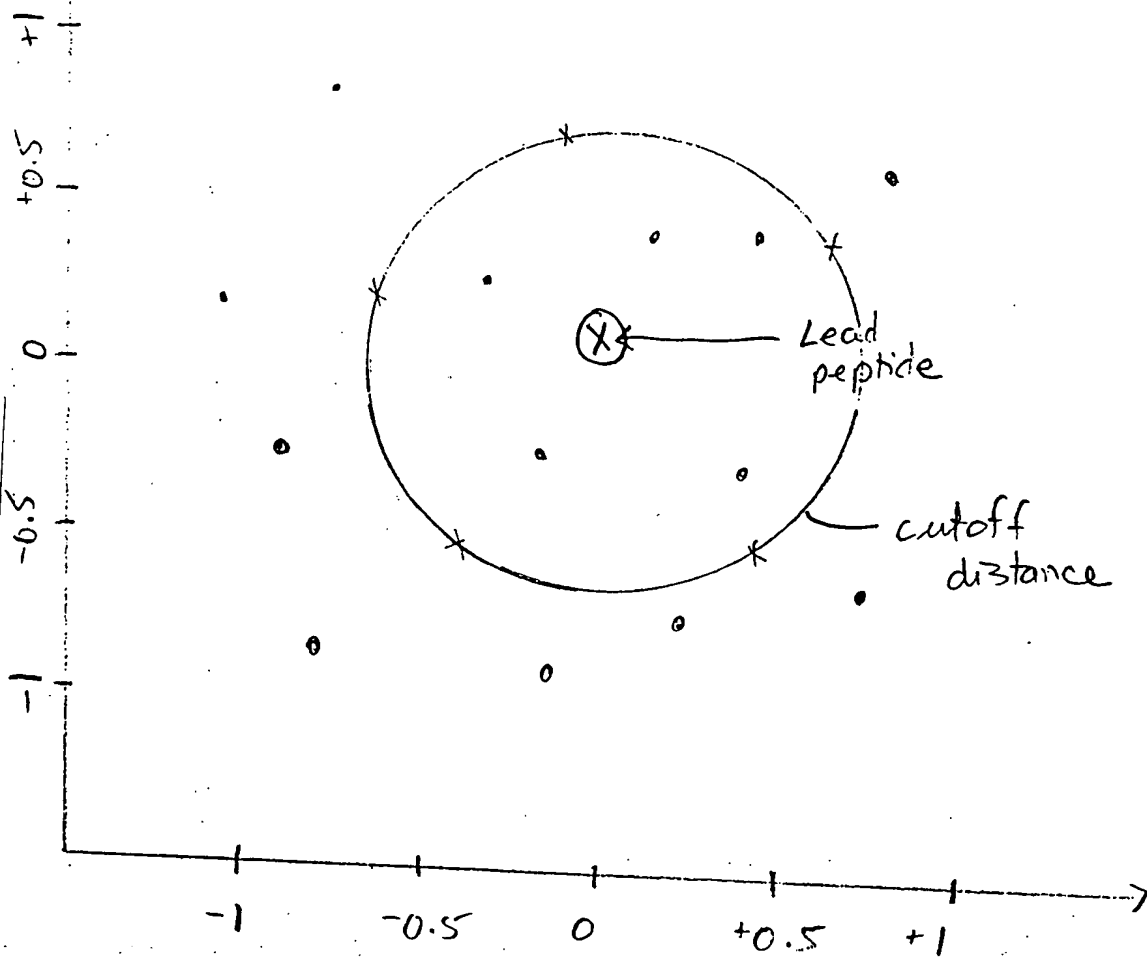


FIG 4A

TOTAL DIPOLE



HYDROPHOBICITY

FIG. 4B

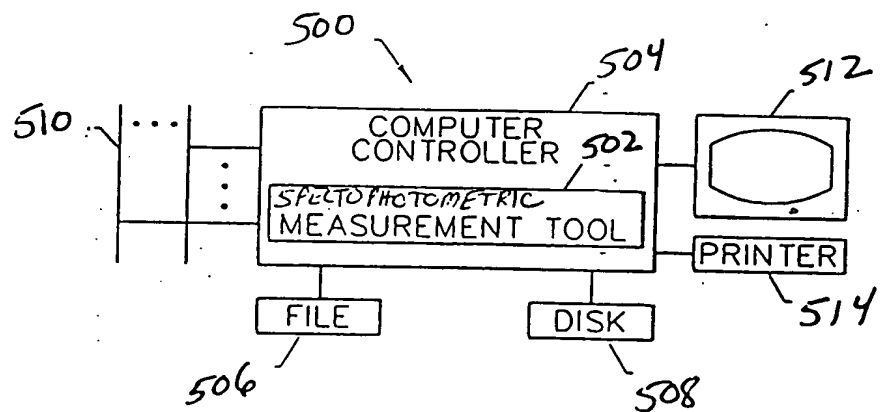


FIG. 5

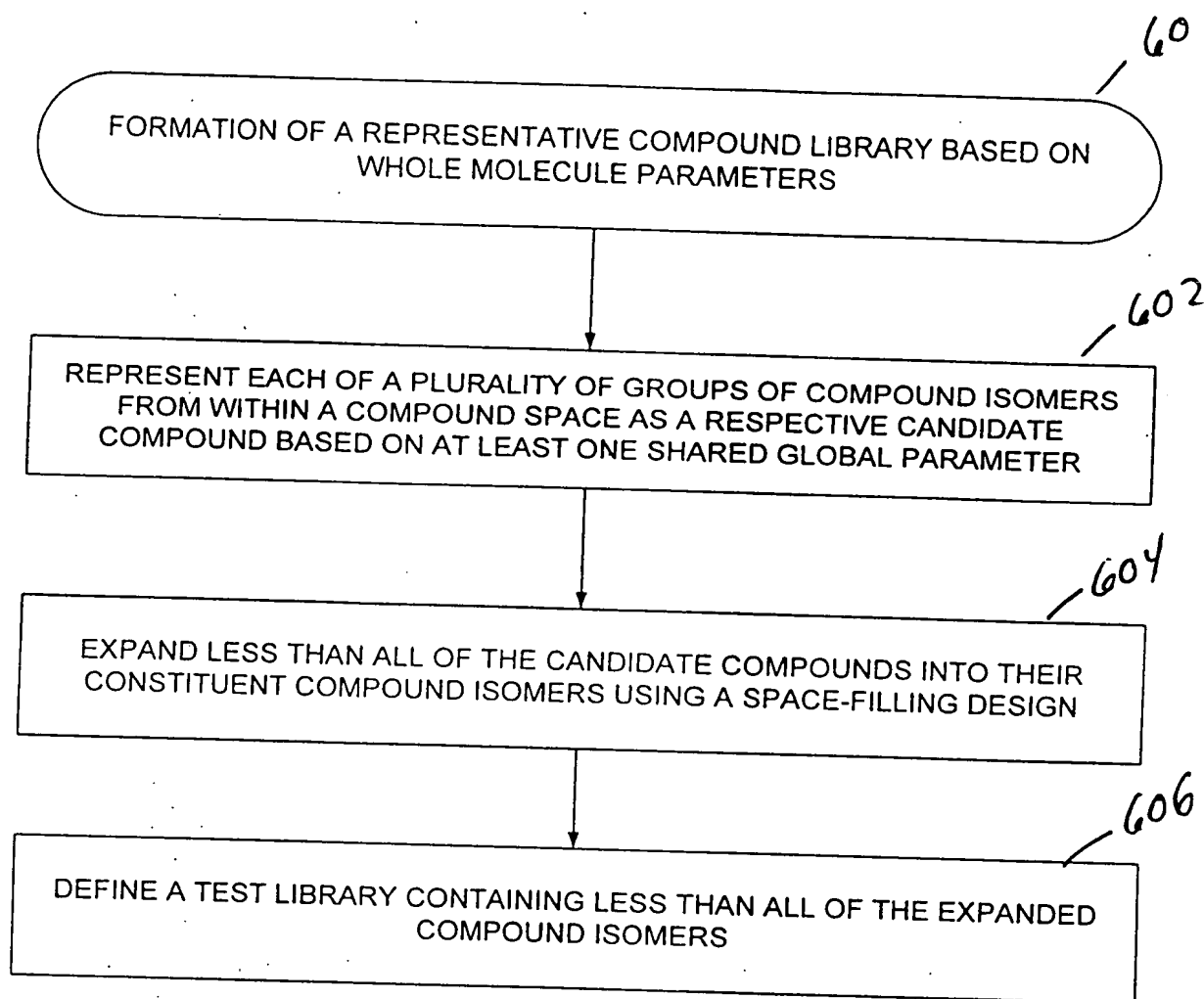


FIG. 6

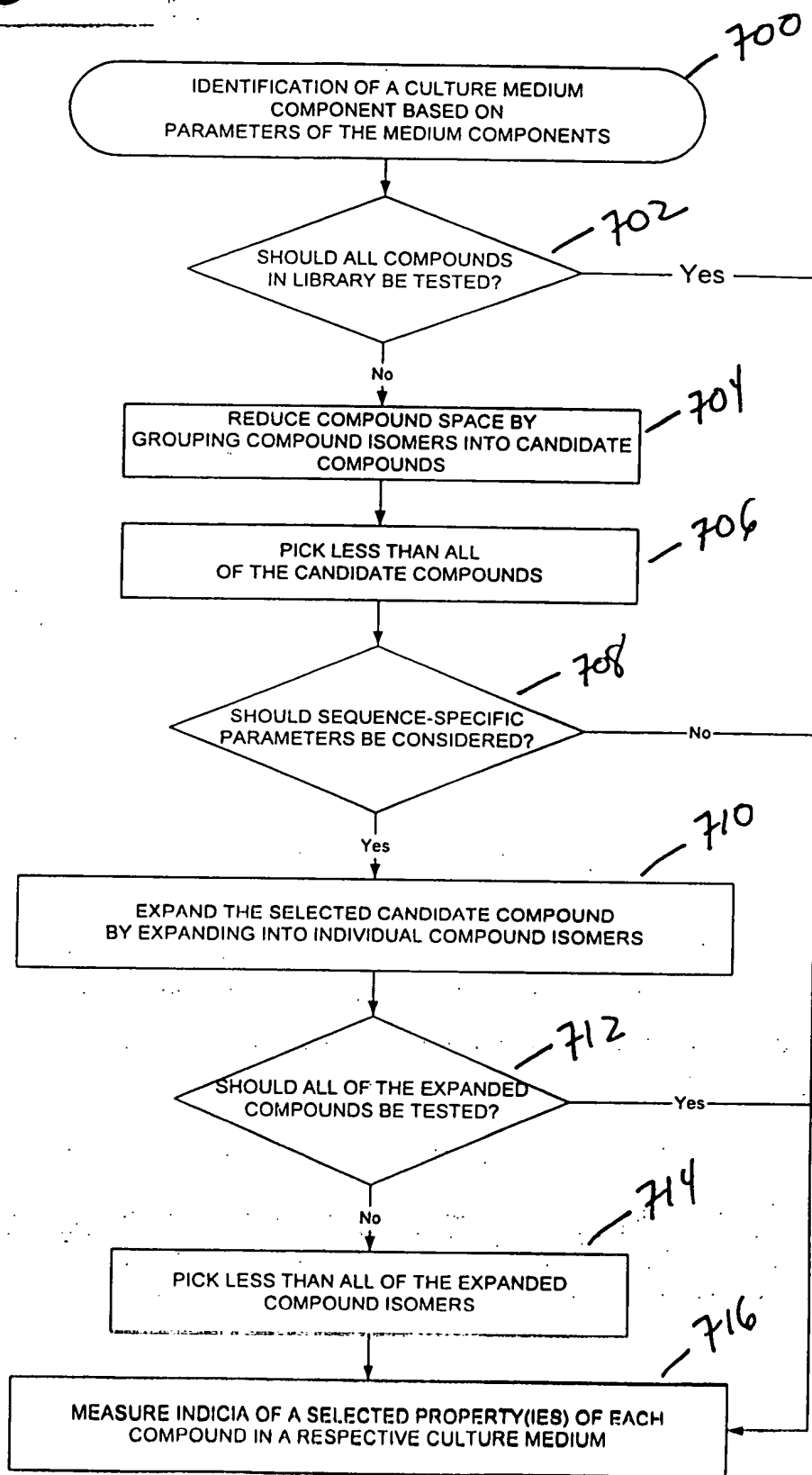


FIG. 7



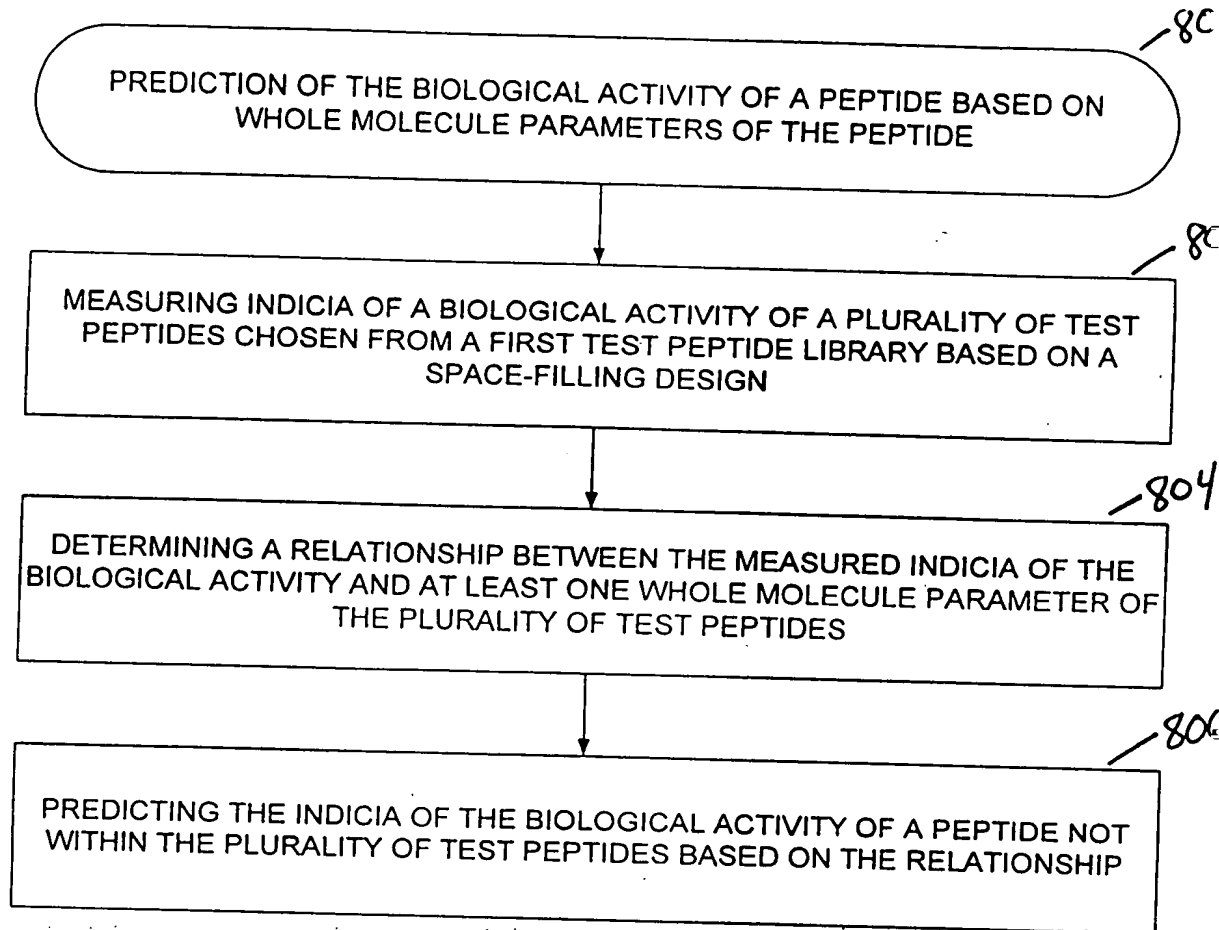


FIG. 8